FIG. 1

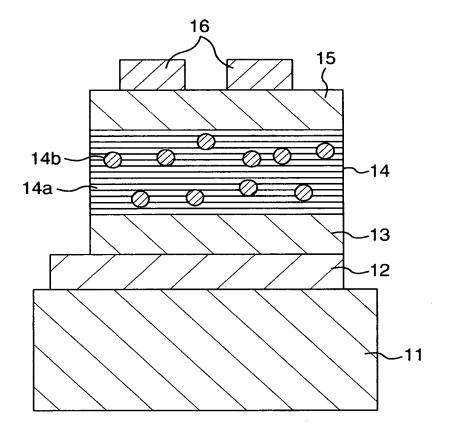


FIG. 2

4,4'-bis(N-(1-naphthyl)-N-phenyl-amino)biphenyl (α -NPB)

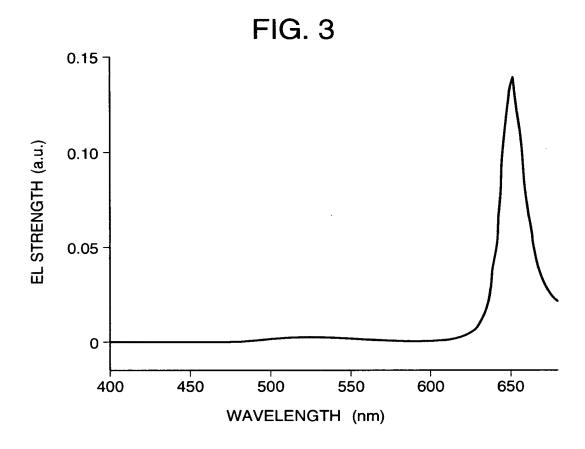
 $\begin{array}{c} \text{tris}(\text{2-phenylpyridine}) \text{iridium} \\ (\text{Ir}(\text{ppy})_3) \end{array}$

2,3,7,8,12,13,17,18-oclaethyl -21H,23H-porphine platinum (PtOEP)

tris-(8-hydroxy-quinoline)aluminum (ALQ)

4,4'-N,N'-dicarbozole-biphenyl (CBP)

2,9-dimethyl-4,7-diphenyl-phenanthroline (BCP)



Al(150nm)

LiF(0.6nm)

ALQ(240nm)

BCP(6nm)

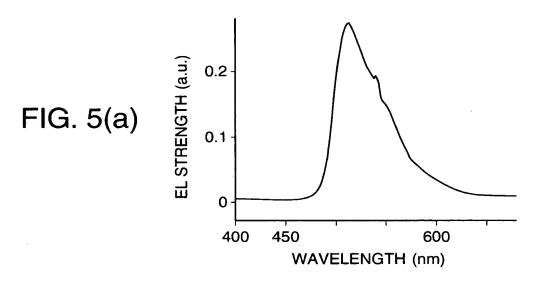
CBP:6%lr(ppy)₃(20nm)

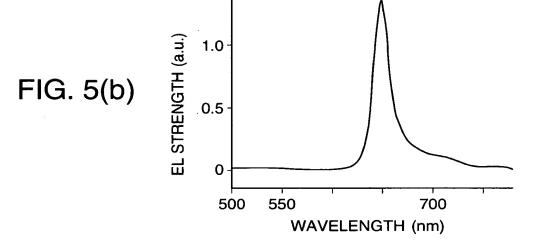
α-NPB(40nm)

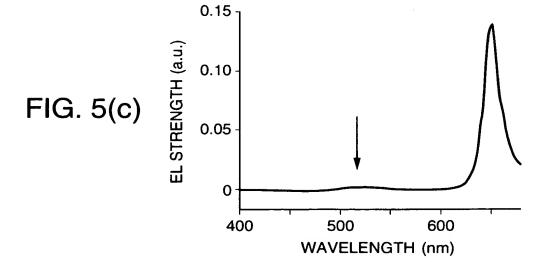
ITO(140nm)

ALKALI-FREE GLASS
CORNING 1737
(0.7mm)

FIG. 4









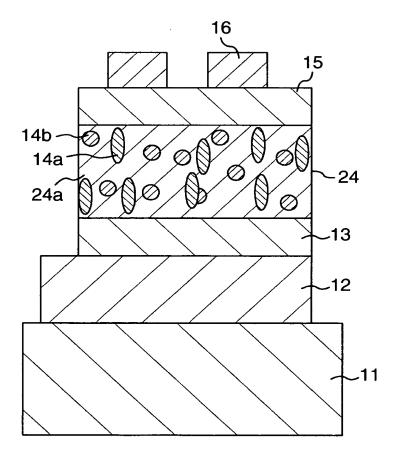


FIG. 7

